

Converting Colors

YUV(87.3290, 18.0788, 34.7915)

Have a look what the booklet for
YUV(87.3290, 18.0788, 34.7915)
contains.

YUV(87.3290, 18.0788, 34.7915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.3290, 18.0788,
34.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	7F3C7C
RGB	127, 60, 124
RGB Percent	50%, 24%, 49%
CMY	0.5020, 0.7647, 0.5137
CMYK	0.00, 0.53, 0.02, 0.50
HSL	303°, 36%, 37%
HSV	303°, 53%, 50%
XYZ	14.0063, 9.1990, 20.1061
YIQ	87.3290, 19.3880, 34.1080

Conversions

Conversions Part 2

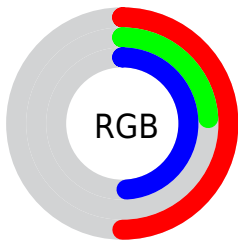
Format	Color
R_{YB}	127, 60, 124
Decimal	8338556
CIE _{Lab}	36.36, 38.39, -23.61
CIE _{LCh}	36, 45.066, 328.411
Yxy	9.1990, 0.3234, 0.2124
Android (android.graphics.Color)	4286528636 (0xFF7F3C7C)
YUV	87.3290, 18.0788, 34.7915
Hunter-Lab	30.3298, 29.3543, -18.0735

Details

The YUV color **87.3290, 18.0788, 34.7915** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.6710, -18.0788, -34.7915**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8670, 18.7996, 36.9506**, and **35.3830, 19.5312, 35.6211** is the 20% darker color. If you saturate the color by 10%, you get **79.5840, 21.4041, 41.5838**, and if you desaturate by 10%, it is **95.0740, 14.7535, 27.9991**.

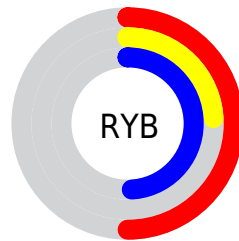
Distribution



Red (50%)

Green (24%)

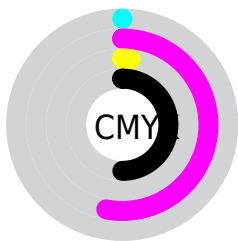
Blue (49%)



Red (50%)

Yellow (24%)

Blue (49%)

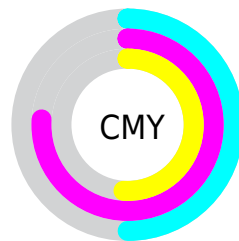


Cyan (0%)

Magenta (53%)

Yellow (2%)

Black (50%)



Cyan (50%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3290, 18.0788, 34.7915 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 87.3290, 18.0788, 34.7915 by changing the saturation by 10% instead.

87.3290, 18.0788,
34.7915

87.3290, 18.0788,
34.7915

255.0000, 0.0000,
0.0000

62.0300, 18.2262,
34.1767

138.8670, 18.7996,
36.9506

35.3830, 19.5312,
35.6211

166.4650, 18.5048,
38.1802

21.1770, 15.1957,
26.1548

193.4050, 19.5203,
39.1098

11.9060, 9.4133,
14.1144

217.4320, 18.5210,
32.9471

0.0000, 0.0000,
0.0000

233.8680, 10.4181,
18.5328

250.8910, 2.0257,

3.6036

■ 87.3290, 18.0788,
34.7915

■ 87.3290, 18.0788,
34.7915

■ 79.5840, 21.4041,
41.5838

■ 95.0740, 14.7535,
27.9991

■ 72.5400, 24.8768,
47.7614

■ 102.1180, 11.2808,
21.8215

■ 64.7950, 28.2021,
54.5538

■ 109.8630, 7.9555,
15.0291

■ 57.1640, 31.9641,
61.2462

■ 117.4940, 4.1935,
8.3368

■ 51.7670, 34.1319,
65.9793

■ 125.2390, 0.8682,
1.5444

■ 132.2830, -2.6045,
-4.6332

■ 140.0280, -5.9298,
-11.4256

■ 147.7730, -9.2551,
-18.2179

■ 154.8170,
-12.7278, -24.3955

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5180, 31.2966, -4.8393



87.3290, 18.0788, 34.7915



83.1610, 2.8786, 56.8638

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3290, 18.0788, 34.7915



80.1160, -39.4972, 21.8233



73.4400, 22.4611, -64.4069

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.3290, 18.0788, 34.7915



99.6710, -18.0788, -34.7915

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2220, 6.2996, -60.7077



87.3290, 18.0788, 34.7915



76.5900, -31.8429, -6.6564

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3290, 18.0788, 34.7915



82.4790, -29.8161, 43.4299



63.5420, -9.1412, -54.8493



74.8710, 35.5596, -65.6619

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3290, 18.0788, 34.7915



81.6100, -8.1887, 59.9780



63.5420, -9.1412, -54.8493



72.0720, 17.2195, -63.2071

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.3290, 18.0788, 34.7915



150.0370, 7.3768, 13.9996



68.2360, 28.9707, -5.4690



74.4940, 4.1935, 8.3368



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3290, 18.0788, 34.7915



103.7950, 28.2021, 54.5538



83.5670, 3.6645, 38.0907



59.7770, 1.5889, 3.7036



52.1800, 34.4213, 66.4941



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.3290, 18.0788, 34.7915



103.7950, 28.2021, 54.5538



103.4330, -3.6645, -38.0907



59.7770, 1.5889, 3.7036



52.1800, 34.4213, 66.4941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.3290, 18.0788, 34.7915 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 87.3290, 18.0788, 34.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

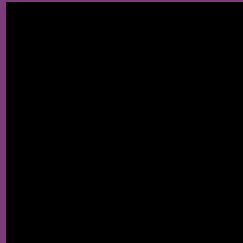
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.3290, 18.0788, 34.7915

Background



This preview shows how black text looks on a background with the YUV color 87.3290, 18.0788, 34.7915.



This preview shows how white text looks on a background with the YUV color 87.3290, 18.0788,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.3290, 18.0788, 34.7915

Protanopia

84.0770, 30.0350, -20.2385

Deuteranopia

86.0000, 16.7620, -9.6470



Tritanopia

87.2210, -5.0390, 29.6242

Trichromacy



Original Color

87.3290, 18.0788, 34.7915

Protanomaly

85.0580, 25.6074, -0.0509

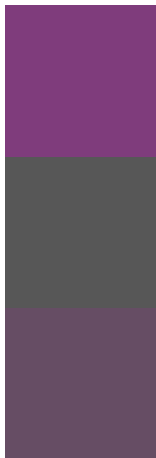
Deuteranomaly

86.5120, 17.0026, 6.5670

Tritanomaly

87.4090, 3.2494, 31.2133

Monochromacy



Original Color

87.3290, 18.0788, 34.7915

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0970, 6.3612, 13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3290, 18.0788, 34.7915 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 60, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 60, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 60, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 60, 124) }
```

Border

The CSS property to change the border of an element to YUV 87.3290, 18.0788, 34.7915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 60, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(127, 60, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(127, 60, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 60, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 60, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 60,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 87.3290, 18.0788, 34.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 60, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127, 60,  
124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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